

SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR
ACCESSING DEVICES ON PRIVATE NETWORKS
VIA CLIENTS ON A PUBLIC NETWORK

ABSTRACT OF THE DISCLOSURE

Systems, methods, and computer program products that can allow users to access one or more devices on a private network, via clients on a public network, are provided. A gateway on a private network accepts a user log-in request from a client on a public network. The rights of the user to access one or more devices on the private network are ascertained and the gateway serves a Web page to the client that identifies each device on the private network for which the user has access rights. Upon receiving a request from the client to access a Web server of a device on a private network, the gateway redirects the received client request to the Web server. The gateway is configured to "scrub" a Web page served by a device Web server to remove any links to Web servers of devices for which the user does not have access rights and to modify a uniform resource locator (URL) containing an address not valid on the public network with an address that is valid on the public network.